## ENDANGERD SPECIES OBSERVER PROGRAM

Dredge OUACHITA - Brownsville, TX USACE, Galveston District

## DAILY REPORT

| Date: 02 / 18 / 95 Loads: 133-134   |
|---|
| Area(x) Worked: <u>stations 60+00 131+00</u>  |
| Weather Conditions: Cloudy, Winds N 10 knots, Seas 2-3 H2O Temp 65 Condition of all screening apparatus: See comments |
|   |
| Are there incidents involving endangered or protected species?  Yes x No  |
| Comments: Load 134 half of a green turtle was sampled in the  |
| skimmer. Turtle was found on the port side of the skimmer.  |
| Carapace was 19 cm in length and 35 cm in width. Turtle had   |
| no foul order to it and good skin color. Small amount of blood  |
| was sighted between the cracks in the scutes. Turtle was measured   |
| and photographed awaiting disposition.  |
| The dredge is equipped with one skimmer with 4 x 4  |
| screening and two overboard discharge boxes with 4 x 4 screening.   |
| This makes the dradge aquipped with 100% overflow screening.  |
| The three inflow landers have 4 x 4 screening and are 18" high.   |
| The problem with the inflow screening is that when the dredge   |
| is digging the mid and aft inflow screens are submerged. This   |
| was apparent after the first load when most of the samples  |
| were found in the skimmer. The skimmer is raised because  |
| this is the efficient way to dig this silt area. To have  |
| 100% inflow screening would be major screening and welding  |
| redesign project. So, for this project, screening will be continued   |
| , and the second se        |
| Bridge Watch Summary  |
| Species # of Sightings # of Animals Comments  |
| No sightings  |
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|   |
| Eric Westerman, Phil Tonne  |
| Observer(s) On Duty:  |

| Date:                                   | 2 / | 18 / | 95 |
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| Additional Comments: considered 100% overflow screened, with partial inflow |
|---|
| sampling. The Ouachita captain and Gulf Coast personnel were very cooperat  |
| in making improvements to the inflow screening. Before load 134 was finish  |
| new screening was added to the forward lander to prevent debris from flowin |
| over the top of the existing screen. Debris can still flow over the inflow  |
| screening of the mid and aft landers.                                       |
| Observers will be taking water temperatures daily from the dredge           |
| in the cut area.  |
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